

Abstract for LMOP 9th Annual Conference and Project Expo

Presentation Title: Heating Landfill Facilities Using Infrared Heaters – Part 2 and Project 2

Presenter's Name: Darrin D. Dillah, PhD, PE, SCS Engineers

Organization: SCS Engineers
11260 Roger Bacon Drive
Reston, Virginia 20190
703-471-6150, 703-471-6676 (FAX)
ddillah@scsengineers.com

ABSTRACT

In December 2001, at the LMOP 5th Annual Conference and Project Expo, SCS unveiled the then first and only US operating landfill gas (LFG) infrared heater project, located in Frederick County, Virginia. At the time, the heaters were brand new and barely had any operating hours. In this follow-up presentation we will share our experiences with startup and the following four heating seasons of operations and maintenance.

In addition, SCS recently started up a 2nd heater project in Virginia, located in Fairfax County, at the I-95 Landfill. Details on this design, operations and maintenance will also be shared with the LMOP conference attendees.

The heaters are standard, off-the-shelf type units, modified to operate on LFG. As the projects require only a small amount of LFG (typically less than about 30 cubic feet per minute), it's an ideal candidate for numerous landfills of any size: small, medium, or large.